

Declaration for Patent Application

My residence, post office address and citizenship are as stated next to my name;

METHODS AND APPARATUS FOR PROVIDING POWER SIGNALS TO OPERATING CIRCUITRY MOUNTED ON CIRCUIT BOARDS

[] was filed on _____ as United States Application Serial No.: _____
and was amended on _____ (if applicable).

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

Priority	Certified
Not	Copy Filed?
Claimed	YES NO

(Number)	(Country)	(Day/Month/Year filed)	[]	[]	[]
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(Application Number) _____ (Filing Date) _____

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I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Barry W. Chapin, Esq.	Reg. No. 39,934
David E. Huang, Esq.	Reg. No. 39,229

of Chapin & Huang, L.L.C., Westborough Office Park, 1700 West Park Drive, Westborough, Massachusetts 01581 and

John M. Gunther, Reg. No. 26,175	Robert Kevin Perkins, Reg. No. 36,634
Leanne J. Fitzgerald, Reg. No. 40,606	Robert L. Dulaney, Reg. No. 28,071
William R. Clark, Reg. No. 29,523	Christopher K. Gagne, Reg. No. 36,142
Krishnendu Gupta, Reg. No. 37,977	Penelope S. Wilson, Reg. No. 29,751

of EMC Corporation, 35 Parkwood Drive, Hopkinton, Massachusetts 01748.

I also hereby grant additional Powers of Attorney to all of the above-identified attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states.

Please send correspondence to: David E. Huang, Esq.

Chapin & Huang, L.L.C. Westborough Office Park, 1700 West Park Drive, Westborough, MA 01581

Direct telephone calls to: David E. Huang, Esq. Telephone No.: 508-366-9600

Direct facsimiles to: David E. Huang, Esq. Facsimile No.: 508-616-9805

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole inventor or

first joint inventor David Sullivan

Inventor's Signature David E. Sullivan Date 11-27-01

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F03447 6T6660

Full name of second joint

inventor, if any Robert MacArthur

Inventor's Signature _____ Date _____

Residence 29 Independence Drive, Leominster, Massachusetts 01453

Citizenship United States of America

Post Office Address Same as above

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10874 675660

-2-

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Full name of sole inventor or

first joint inventor David Sullivan

Inventor's Signature _____ Date _____

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Full name of second joint

inventor, if any Robert MacArthur

Inventor's Signature *R. L. McCall* Date 11/27/01

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